

## **NEEM - SITREP no. 8, Sunday 13 May 2010**

This SITREP covers the period June 7- June 13, 2010 (inclusive).

### **Movement of personnel:**

**June 7** Adalsteinn Svavarsson(IS), Steffen Bo Hansen(DK), Jakob Schwander(CH), Matthias Bigler(CH), Maibritt W. Sørensen(DK), Marie Kjærgaard(DK), Christian Panton(DK), Anne Wang Petersen(DK), Kumiko Azuma(J), Peter Köhler(D), Sato Motoyuki(J), Robert Mulvaney(GB) and Birthe Twarloh(D) from SFJ to CPH by Air Greenland.

Jack Triest(GB) from SFJ to Aasiaat by Air Greenland  
Remi Dallmayr(F) from SFJ to Ilulissat by Air Greenland

**June 8** Vasilieos Gnikis(GR), Thomas Blunier(CH), and Theo Jenk(CH) from SFJ to CPH by Air Greenland.

**June 9** Joe McConnell(US) from SFJ to Schenectady by 109'th.

### **Movement of Cargo:**

**June 7** 2870 kg UCPH, from Skrydstrup to SFJ by 109'Th

**June 8** 2720 kg (3370 litre) JP-8 from Thule to NEEM by 109'Th

### **Activities:**

On June 8 the NEEM camp was offered an opportune flight en route from Thule to SFJ with fuel on the courtesy from the 109'th in order to replace some of the extra fuel needed to get the previous air planes airborne during times with very difficult weather conditions i.e. fresh snow and high temperatures (-3.8 C). The Camp received the fuel load and the airplane took off without difficulties, however the NEEM skiway is still troubled with undulations that only permit landing at the site with minimum payload.

Surface work has been concentrated on the skiway and in removing undulations.

### **Skiway:**

Daily repair and grooming on the skiway with both the Tiller and the beam.

### **Drill trench:**

A week with stable drilling producing ice cores in full core length and fine core quality. The 2000 m mark was celebrated midweek.

This week production: 111.88 m

Driller's depth: 2054.45 m

Logging depth: 2068.28 m

### **Science trench:**

Also in the science trench the new people did very well and again a productive week. Only minor repair and maintenance was done on the French Picarro, the CFA and the Fast IC had a short stop. But in the end of the week everything is back into the routines. Discrete isotope samples are now taken from microtoming and measurements are made in the gas and isotope lab. The phosphate measurement in CFA was setup and is now running sporadically.

CFA production this week: 90.20 m  
CFA depth: 1612.05 m

Processing depth (ECM, DEP, Cutting): 1995.95 m  
Drill trench: -13C (cooling tunnel some times switched on)  
Connecting tunnel: -19C  
Core buffer: -20C (cooling tunnel some times switched on)  
Science trench: -17C  
Ice cave: -24C

**Associated programs:**

Ongoing Canadian and Japanese pit studies for biological material in a snow pit.  
Successful deployment of beads in the drilling fluid at the bottom of the borehole for studies of contamination by and penetration of the fluid into the ice cores.

**NEEM iridium numbers:**

Primary no.: +8816 224 34860  
Secondary no.: +8816 414 39 863

**Weather at NEEM:**

A relative warm week at NEEM with temperatures between –15 and -2 C, calm to 15 knots, mostly grey and cloudy with several strong snow showers.

**NEEM camp population:** 33

**Kangerlussuaq activities:**

All the delayed people got out of Kangerlussuaq within two days. Organizing retro cargo from both the camp and from the returning Joint Committee Air Plane participating in the Danish 2010 air show in Skrydstrup.

**Weather in Kangerlussuaq/SFJ:** Very nice weather most of all week, in the weekend temperature were dropping close to freezing during the night.

Mosquitoes

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